

What is claimed is:

1. A method of facilitating document creation using a template comprising:

receiving a request to create a first document according to one of a plurality of formats, each format being associated with a template;

determining whether the template corresponding to the requested format is stored in a memory; and

instantiating, if the template is not already stored in the memory, a template in the memory so that the template is available for future use in creating at least a second document.

2. The method of claim 1, wherein the instantiating of the template in memory includes:

creating a transform factory to create the template; and

producing the template using the transform factory.

3. The method of claim 1, further comprising:

retrieving the template; and

generating at least one of the first document and the second document using the template.

4. The method of claim 1, wherein the template is a compiled XSLT script.

5. The method of claim 1, further comprising deleting at least one of the template and a pointer to the template from the memory after a predetermined amount of time.

6. The method of claim 1, wherein the memory is random access memory or cache memory.

7. A system for creating documents using a template comprising:

means for receiving a request to create a first document according to one of a plurality of formats, the format being associated with the template;

a memory;

determining means for determining whether a template corresponding to the request is stored in the memory;

means, responsive to an indication from the determining means that the template is absent from memory, for creating a transform factory to create the template;

means for producing the template using the transform factory and storing the template in the memory so that the template is available for future use in creating at least a second document; and

means for generating the first document using the template stored in the memory.

8. The system of claim 7, wherein the template is a compiled XSLT script.

9. The system of claim 7, further comprising means for deleting at least one of the template and a pointer to the template from the memory after a predetermined amount of time.

10. The system of claim 7, wherein the memory is random access memory or cache memory.

11. The system of claim 7 further including means for mapping XSLT script into an XSL stream.

12. A machine-readable medium including instructions that instruct a computer to facilitate document creation using a template, the machine-readable instructions comprising:

receiving a request to create a first document according to one of a plurality of formats, each format being associated with a template;

determining whether the template corresponding to the requested format is stored in a memory; and

instantiating, if the template is not already stored in the memory, a template in the memory so that the template is available for future use in creating at least a second document.

13. The machine-readable medium of claim 12, wherein the instructions that instruct a computer include:

creating a transform factory to create the template; and

producing the template using the transform factory.

14. The machine-readable medium of claim 12, further comprising:

retrieving the template; and

generating at least one of the first document and the second document using the template.

15. The machine-readable medium of claim 12, wherein the template is a compiled XSLT script.

16. The machine-readable medium of claim 12, wherein the memory deletes at least one of the template and a pointer to the template from the memory after a predetermined amount of time.

17. The machine-readable medium of claim 12, wherein the memory is one of random access memory and cache memory.

18. The machine-readable medium of claim 12 further including an instruction for mapping XSLT script into an XSL stream.

19. A method of document creation using a template comprising:

receiving a request to create a first document in a format of a plurality of formats, the format being associated with the template;

the method, if the template has yet to be stored in a memory, further including:

creating a transform factory to create the template;

producing the template using the transform factory;

storing the template in the memory so that the template is available for future use in creating at least a second document;  
and

generating the first document using the template.

20. The method of claim 19, wherein the template is a compiled XSLT script.

21. The method of claim 19 further comprising:  
deleting from the memory at least one of the template and a pointer to the template after a predetermined amount of time.

22. The method of claim 19, wherein the memory is random access memory or cache memory.

23. The method of claim 19 further comprising:  
means for mapping XSLT script into an XSL stream.